



PUBLIC DISCLOSURE STATEMENT


PABLO & RUSTY'S PTY LTD

ORGANISATION CERTIFICATION

CY2021

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Pablo & Rusty's Pty Ltd
REPORTING PERIOD	1 January 2021 – 31 December 2021 In Arrears
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p>  <p>Abdullah Ramay CEO 26/09/2022</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	2,552 tCO ₂ -e
OFFSETS BOUGHT	46% VCUs and 54% CERs
RENEWABLE ELECTRICITY	36.36%
TECHNICAL ASSESSMENT	26/08/2020 James Endean Pangolin Associates Next technical assessment due: 2023

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2021 to 31 December 2021 and covers the Australian business operations of Pablo & Rusty's coffee roasters; ABN 20 137 878 589.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- 3 Plassey Rd, North Ryde 2113 NSW

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

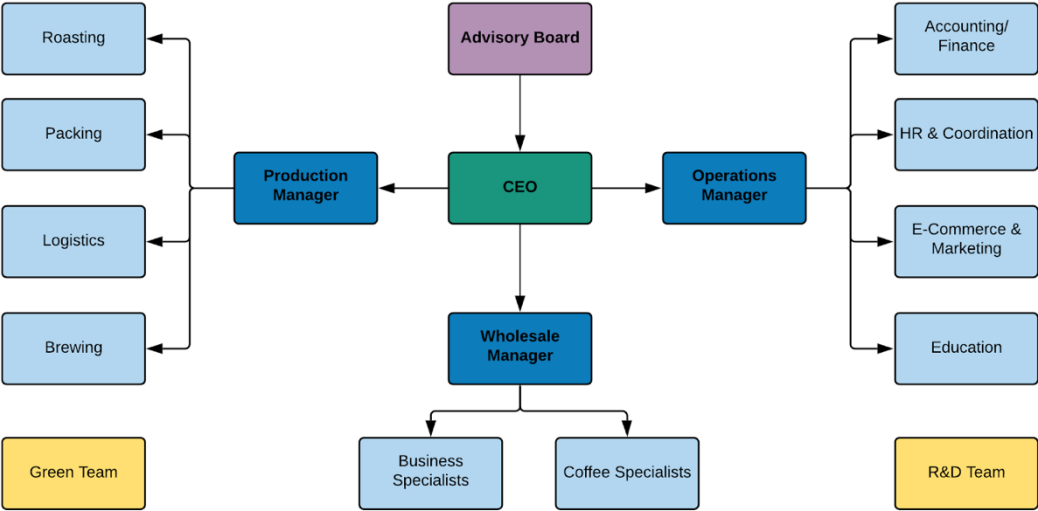
Organisation description

Pablo & Rusty's Coffee Roasters is a Sydney based coffee roaster. They source coffee beans both directly and through brokers from all over the world including Brazil, Colombia, Yunnan (China), Ethiopia, Indonesia and many others. Pablo & Rusty's coffee roasters' ABN is 20 137 878 589.

"Our vision has always been to first minimise our footprint as much as possible and then offset as much as we can. Lastly, we want to make as much positive impact as possible. Climate Active not only helps us measure, reduce and offset our carbon footprint but it's also the gold standard in Australia."

Pablo & Rusty's

COFFEE ROASTERS



3. EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Accommodation and facilities
Air Transport
Cleaning and Chemicals
Electricity
Green Coffee Beans
ICT services and equipment
Land and Sea Transport (fuel)
Land and Sea Transport (km)
Office equipment & supplies
Postage, courier and freight
Products
Professional Services
Refrigerants
Stationary Energy
Waste
Water
Working from home

Non-quantified

N/A

Optionally included

N/A

Outside emission boundary

Excluded

N/A

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Pablo & Rusty's commits to reduce total scope 1, 2 and 3 emissions from the business on a per kg of coffee produced basis by 15% by 2030 compared to a 2019 baseline. This will be achieved through the following measures:

- Scope 1 emissions will be reduced by 15% on a per kg of coffee produced basis by 2030:
- Reduce energy usage per kg of coffee produced by 15% on a per kg basis through more efficient plant and processes by 2030
- Reduce company vehicle emissions by 25% by moving to 70% or more electrified vehicles by 2030
- Scope 2 emissions will be reduced by 15% on a per kg of coffee produced basis by 2030:
- Reduce emissions footprint per staff member by 15% by 2030 through flexible work incentives
- Scope 3 emissions will be reduced by 15% on a per kg of coffee produced basis by 2030:
- Reducing waste by shifting all packaging to biodegradable or recyclable by 2025
- Reduce the average KMs of freight per kg of inbound green coffee by 15% by increasing purchases from closer coffee countries
- Reduce the emissions per product unit sold 15% by choosing more sustainable freight partners by 2030

Emissions reduction actions

There two primary reasons for the reduction in emissions. The first one is reduced usage due to slightly reduced sales compared to past years. The second reason is a mixture of small adjustments to efficiency such as:

- closer to home buying
- waste reduction
- flexible work policies
- buying from more sustainable partners and similar initiatives

All of these policies have led to overall reduction in emissions.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	CY2019	3,104.062
Year 1:	CY2020	2,694.068
Year 2:	CY2021	2,551.58

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Green Coffee Beans (Brazil region)	299.46	369.34	Reduced volume and shifting some volume to closer origins.
Green Coffee Beans (Colombia region)	610.98	647.56	Reduced volume and shifting some volume to closer origins.
Green Coffee Beans (Rest of the World)	736.67	878.86	Reduced volume and shifting some volume to closer origins.
Natural Gas NSW/ACT (metro) (GJ)	178.52	190.92	Reduced volume and efficiency.

Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Emission category	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	1.33
Cleaning and Chemicals	1.59
Climate Active Carbon Neutral Products and Services	0.00
Electricity	82.53
Equipment	0.36
Green Coffee Beans	1647.10
ICT services and equipment	6.61
Office equipment & supplies	34.72
Postage, courier and freight	388.18
Products	99.39
Professional Services	39.67
Refrigerants	4.20
Stationary Energy (gaseous fuels)	178.52
Stationary Energy (liquid fuels)	0.87
Transport (Air)	0.74
Transport (Land and Sea)	41.03
Waste	15.75
Water	0.29
Working from home	7.40
Working From Home	1.28
Total	2551.58

Uplift factors

N/A.

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
N/A	
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	2551.58

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	410
2. Total emissions footprint to offset for this report	2,552
3. Total eligible offsets required for this report	1,732
4. Total eligible offsets purchased and retired for this report	1,732
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

The Jorethang Loop Hydroelectric Project has an installed capacity of 96 MW and generates approximately 44.03 GWh per year. The project also includes a small reservoir of approximately 14.489 ha. The project contributes strongly to the sustainable development of the region and surrounding areas in the following ways:

The project results in a reduction in air borne pollutants, such as oxides of nitrogen, oxides of sulphur, carbon monoxide and particulates, through a reduction in the combustion of fossil fuels.

The project has generated local employment, on a temporary basis during the construction phase, with more permanent on-going employment during the operational phase.

A greenbelt of approximately 24.74 ha will be created around the reservoir, to mitigate soil erosion and prevent landslips.

The project will carry out maintenance and upgrades of existing roads, which will improve access to the area whilst limiting environmental disturbance.

Local villages partially depend on firewood for their daily energy needs, which can lead to adverse ecological impacts, such as forest degradation, soil erosion and reduction in fertility. Increased availability and reliability of power supply from this project to the villages will reduce the need for firewood.

The Premier Mills Private Limited project contributes to sustainable development in the manner specified by Ministry of Environment and Forests, Government of India as follows:

- i) **Social well-being:** The project activity is generating electricity equivalent to 14.85 MW from clean and renewable energy source. This will aid the state electricity grid in meeting their electricity demand. The project activity has created employment opportunities during the commissioning and operation of the WTGs.
- ii) **Economic well-being:** The lands purchased for the wind farms are mostly non arable and sparsely inhabited areas. The residents also recruited during development of the site and erection of the wind turbines. In addition, there will be rural and infrastructure development such as roads around the wind farms.
- iii) **Environmental well-being:** The project activity is generating clean energy without any GHG emissions commonly associated with the electricity generation from fossil fuel-based power plant. The project related GHG emissions are nil for the project activity as it uses natural wind only as the energy source. The project activity will further reduce generation of SO_x, NO_x and particulates commonly associated with electricity generation in thermal power plants.
- iv) **Technological well-being:** The project activity is putting into use latest available WTGs from a leading manufacturer. This will further demonstrate the use of technology in harnessing the renewable energy and promote the further percolation of the technology. The clean renewable electricity generated will also displaces the state electricity grid to meet their demands.

Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
300MW Hydropower project by JHPL	VCUs	Verra	19/08/2020	7919-440992605-440995709-VCU-001-MER-IN-1-92-01012013-30062013-0	2013	0	3105	2,695	0	410	16%
300MW Hydropower project by JHPL	VCUs	Verra	26/08/ 2022	7919-441011524-441012287-VCU-001-MER-IN-1-92-01012013-30062013-0	2013	0	764	0	0	764	30%
Grid connected Wind Power Generation Project by Premier Mills Private Limited	CERs	CDM	6/12/2022	IN-5-300052999-2-2-0-8365 - IN-5-300054376-2-2-0-8365	CP2	0	1,378	0	0	1,378	54%
Total offsets retired this report and used in this report										2,552	
Total offsets retired this report and banked for future reports									0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	1,378	54%
Verified Carbon Units (VCUs)	1,174	46%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	28,679	0	22%
Total non-grid electricity	28,679	0	22%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	18,994	0	14%
Residual Electricity	83,455	82,984	0%
Total grid electricity	102,450	82,984	14%
Total Electricity Consumed (grid + non grid)	131,129	82,984	36%
Electricity renewables	47,673	0	
Residual Electricity	83,455	82,984	
Exported on-site generated electricity	620	-452	
Emissions (kgCO ₂ e)		82,532	
Total renewables (grid and non-grid)	36.36%		
Mandatory	14.49%		
Voluntary	0.00%		
Behind the meter	21.87%		
Residual Electricity Emission Footprint (TCO₂e)	83		

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	102,450	79,911	7,171
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	102,450	79,911	7,171
ACT	0	0	0
NSW	28,679	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	28,679	0	0
Total Electricity Consumed	131,129	79,911	7,171
Emission Footprint (TCO2e)	87		
<i>Scope 2 Emissions (TCO2e)</i>	80		
<i>Scope 3 Emissions (TCO2e)</i>	7		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations..

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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